



**\$95 at**  
**[www.HydrogenGarage.com](http://www.HydrogenGarage.com)**

**D18 • 12"**

316SS • 3/8" Threaded Rod w/washers & nuts

1" gas outlet

1/4" stud welded on.

3" • 316SS Inner Tubing

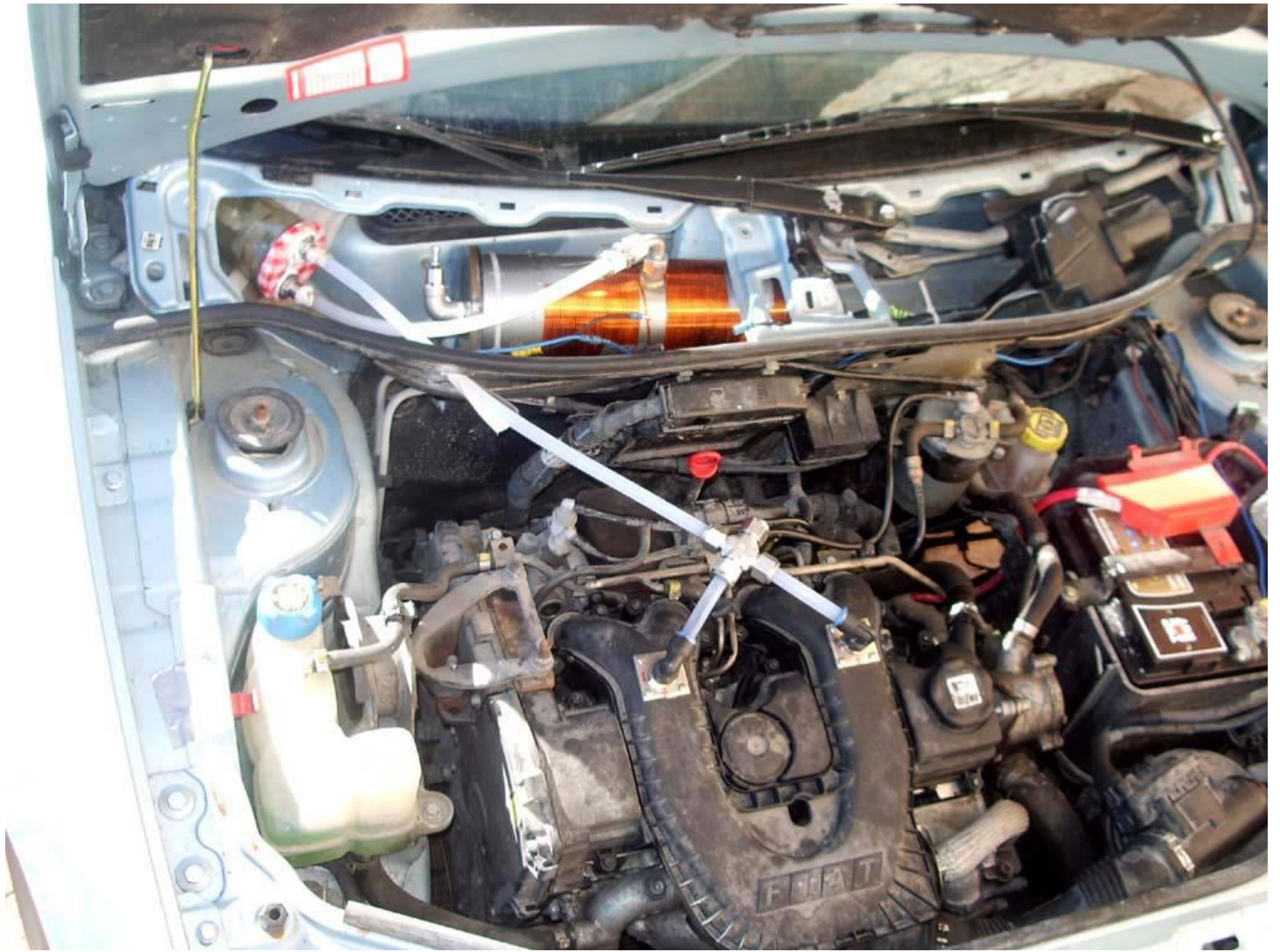
4" • 316SS Outer Tubing

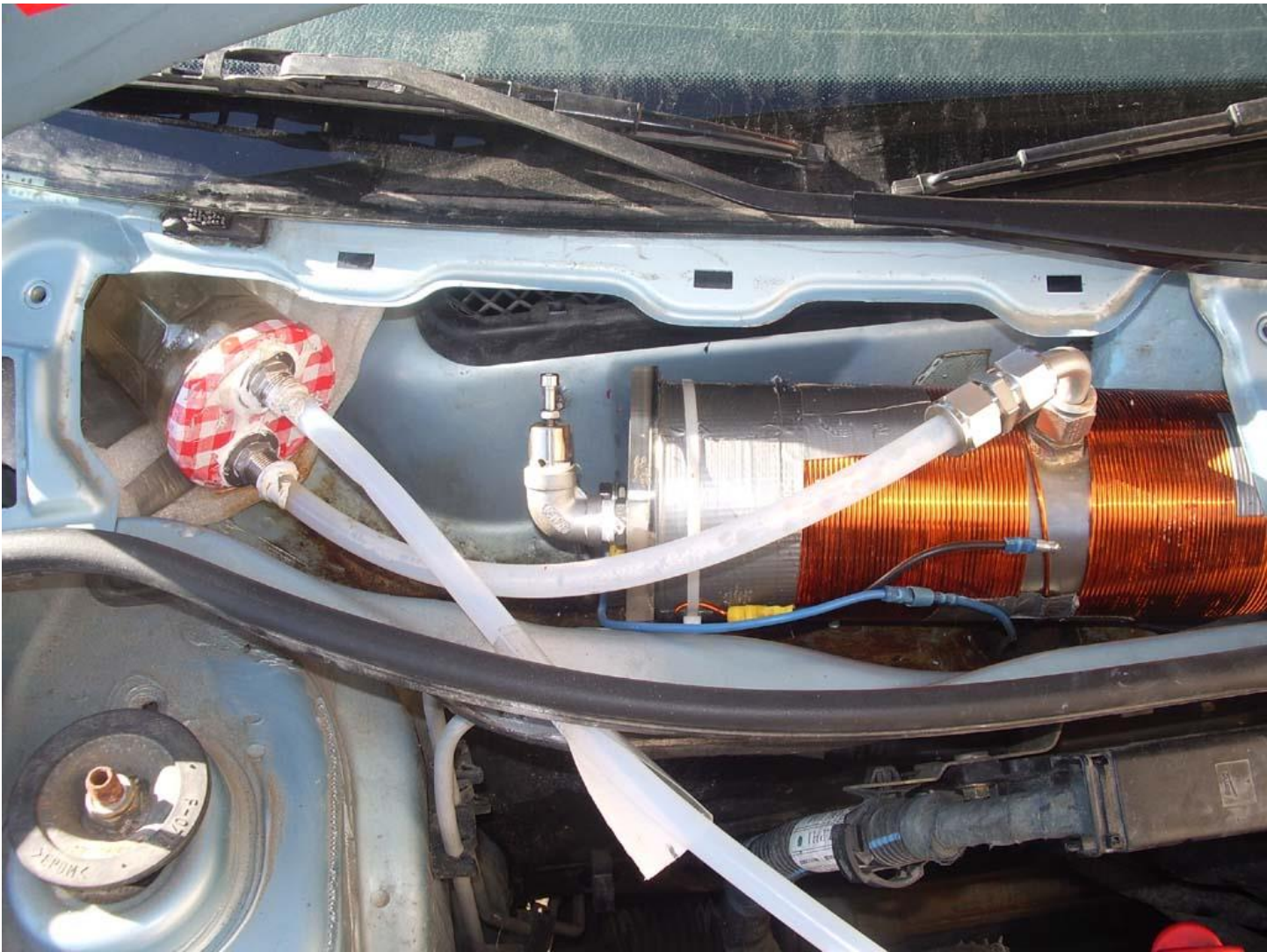
3/8" threaded end plates











To Intake Manifold use a 1 way check valve with a pipe diameter of ~12mm

Nut which you connect your negative wire to.

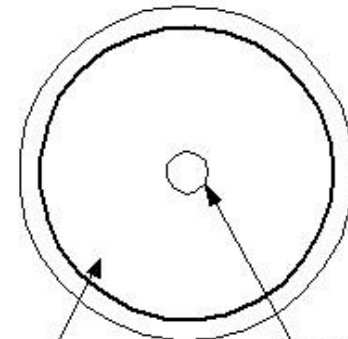
Air Bleed - Finally Adjustable Valve in Line Possibly a needle valve used in aquarium air compressor lines.

Perspex End Caps (Non Conductive)

Outer Pipe = 300 x 100 mm  
Inner Pipe = 280 x 80 mm

### Connecting the Anode to the Positive Polarity

All you do is connect your positive wire to the stainless steel bolt welded onto the side of your chamber, then screw a nut over the top to fasten it on. The bolt and nut don't need to be in exactly the same place as shown here, it can be moved up or down depending on how you mount your chamber in the engine bay.



Underside of the Perspex End Cap

Hole for Stainless Steel Rod

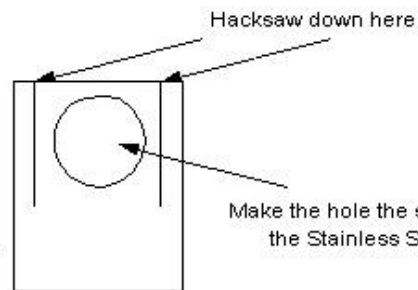
### Fitting the End Caps On

On a Lathe cut a circular shaped groove as above and make it slightly bigger than the diameter of the Outer Pipe. This will allow the Outer Pipe to fit nicely into the underside of the end cap. You then put an o-ring into the groove and re-assemble tightening everything up nicely to seal the Cell.

10 mm Clearance

### Connecting the Cathode to the Negative Polarity

Bend the tab with the hole down into the center of the pipe. Then you simply thread the rod through the hole and secure it in place with nuts and washers, do this for both ends.



Hacksaw down here

Make the hole the same size as the Stainless Steel Rod.

Top of cathode

Fuel Economy gains are typically 25 - 50%. This can be taken to 90% or more but carbon is lost from the piston rings. The Unit is connected to the battery or alternator via a relay wired to the ignition. More RPM = more power made by the alternator which = more gas production. The Engine vacuum accelerates the breakdown of the water into hydrogen and oxygen and combined with atmospheric nitrogen gives nitrogen hydroxides.

The Unit may have a break in period of a week or so, during this week the carburetor mixture will have to be gradually made leaner. Further tweaking of the unit may utilise a lawn mower carburetor to keep the gas usage at a minimum but still keep some carbon on the piston rings.

## "Nitro" Cell

### Hydrogen Cell

Use 316 grade Stainless Steel

Drawn by: Simon Beehre